



# Scripting et backup sous Windows 10

CargoDay #8 – Windows 10 dans tous ses états

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LS2N – Centrale Nantes - Nantes

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# Sommaire

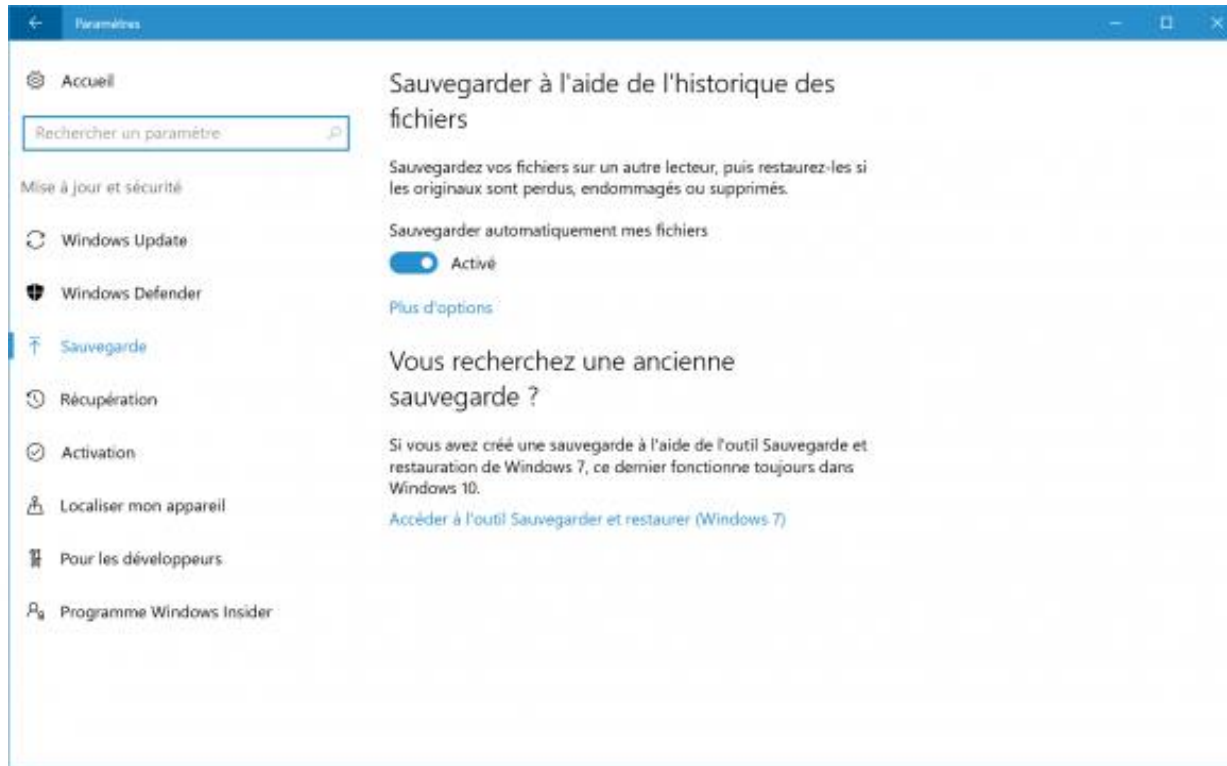
- Scripting
- Backup
- Pour aller plus loin...

# Scripting

- **Pour quoi faire ?**
  - **Contexte**
    - Limites des interfaces graphiques
    - Cas courants d'utilisation du script
  - Améliorer la productivité côté administration
  - Améliorer la productivité côté poste de travail
- **Les outils**
  - PowerShell
  - Batch
  - VBScript

# Backup

- Historique des fichiers



Gratuit

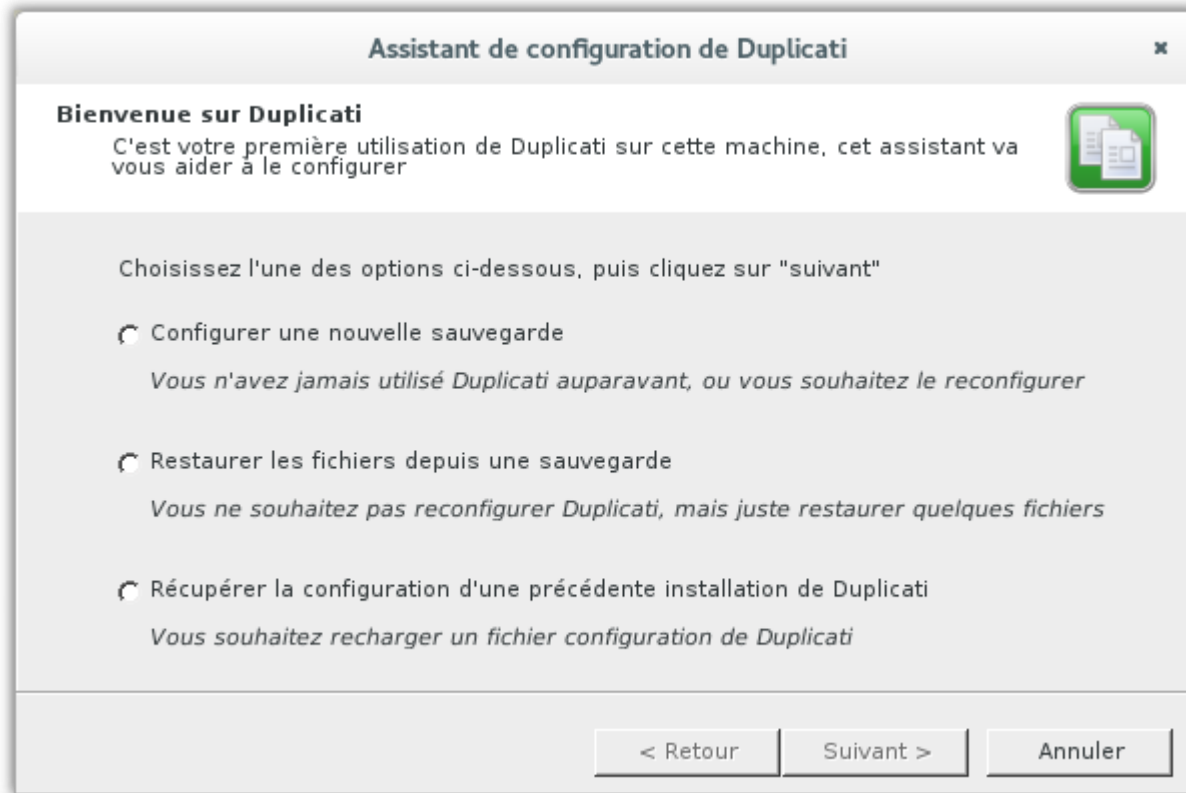
Historique  
des fichiers

Intégré au  
système

Simple pour  
l'utilisateur

# Backup

- Duplicati



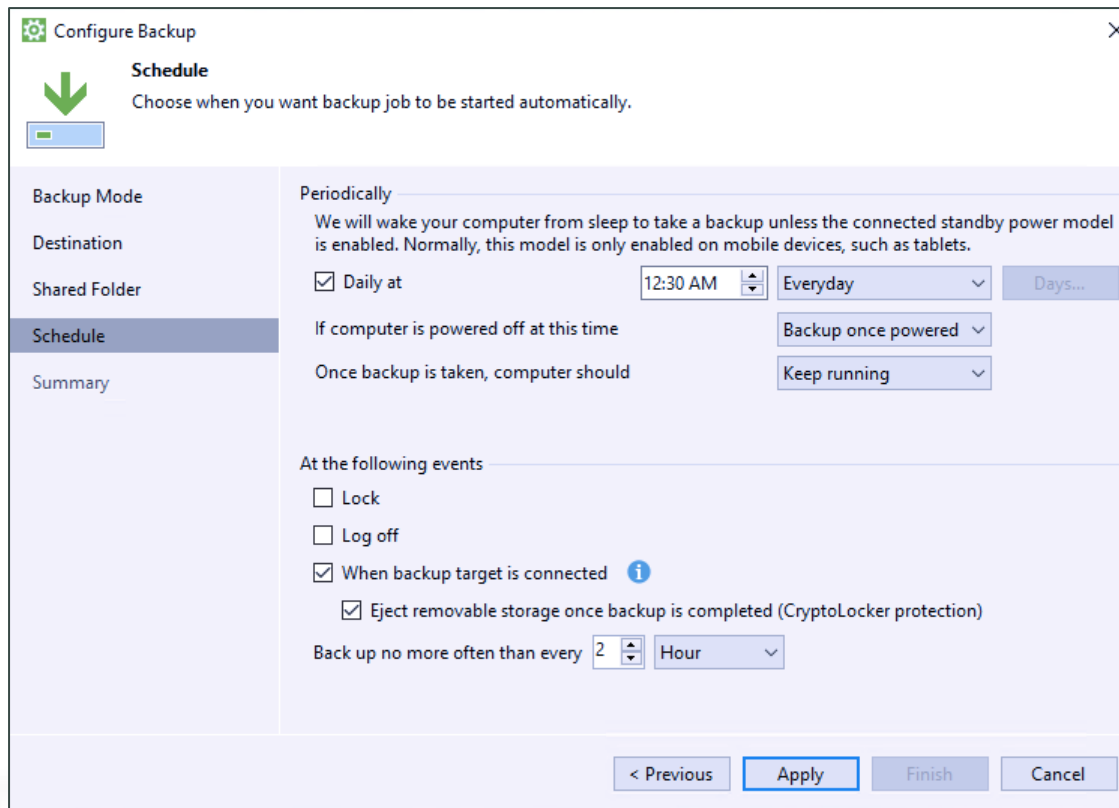
Gratuit

Divers  
protocoles

Multi  
plateforme

# Backup

- Veeam



Gratuit

Création  
d'une image  
système

Planification  
des  
sauvegardes

Stockage sur  
montage  
réseau



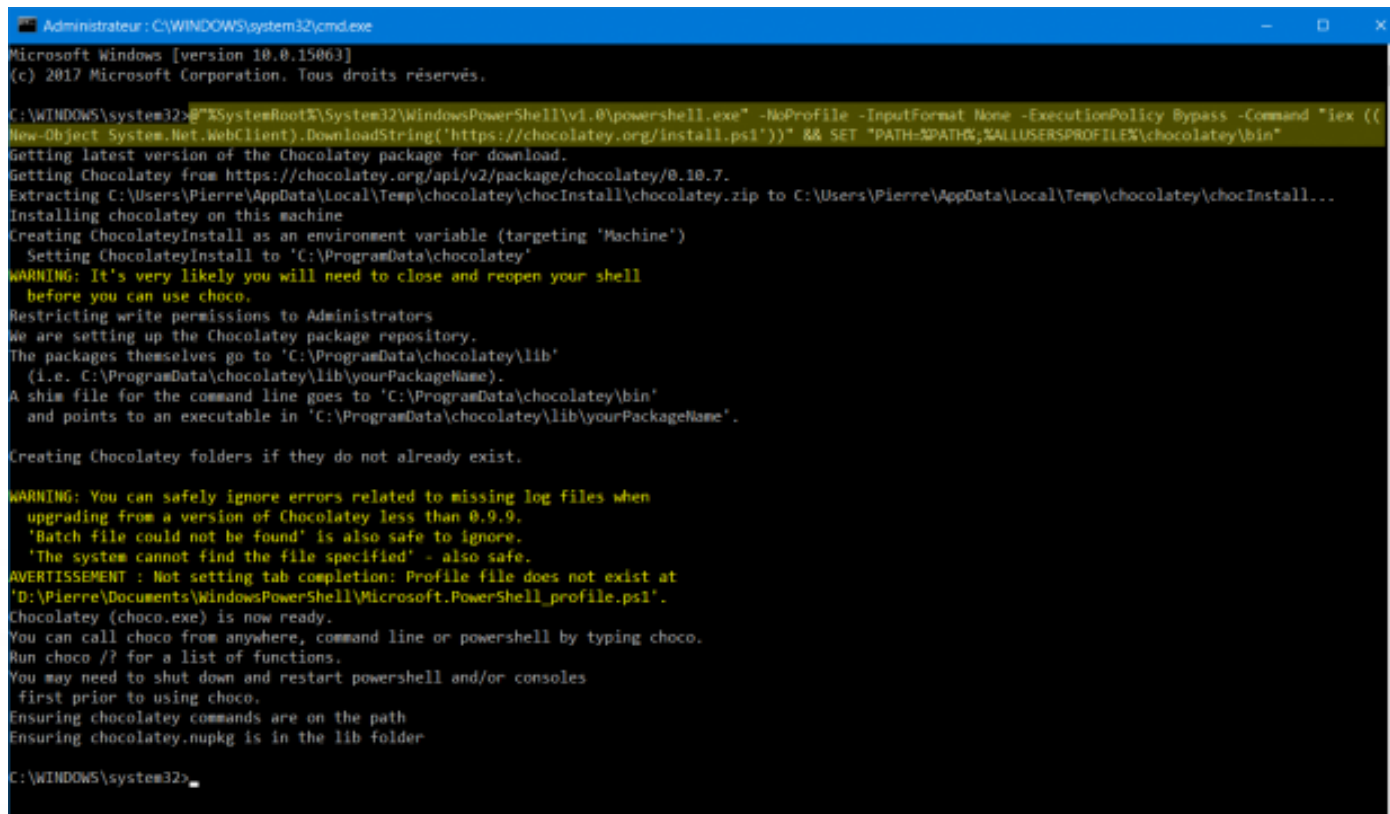
# Pour aller plus loin...



***Vous prendrez bien un peu de chocolat ?***

# Installation de Chocolatey

```
C:\WINDOWS\system32>Set-ExecutionPolicy AllSigned; iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))
```



```
Administrateur : C:\WINDOWS\system32\cmd.exe
Microsoft Windows [version 10.0.15063]
(c) 2017 Microsoft Corporation. Tous droits réservés.

C:\WINDOWS\system32>cmd /c "%SystemRoot%\System32\WindowsPowerShell\v1.0\powershell.exe" -NoProfile -InputFormat None -ExecutionPolicy Bypass -Command "iex ((New-Object System.Net.WebClient).DownloadString('https://chocolatey.org/install.ps1'))" && SET "PATH=%PATH%;%ALLUSERSPROFILE%\chocolatey\bin"
Getting latest version of the Chocolatey package for download.
Getting Chocolatey from https://chocolatey.org/api/v2/package/chocolatey/0.10.7.
Extracting C:\Users\Pierre\AppData\Local\Temp\chocolatey\chocInstall\chocolatey.zip to C:\Users\Pierre\AppData\Local\Temp\chocolatey\chocInstall...
Installing chocolatey on this machine
Creating ChocolateyInstall as an environment variable (targeting 'Machine')
  Setting ChocolateyInstall to 'C:\ProgramData\chocolatey'
WARNING: It's very likely you will need to close and reopen your shell
  before you can use choco.
Restricting write permissions to Administrators
We are setting up the Chocolatey package repository.
The packages themselves go to 'C:\ProgramData\chocolatey\lib'
  (i.e. C:\ProgramData\chocolatey\lib\yourPackageName).
A shim file for the command line goes to 'C:\ProgramData\chocolatey\bin'
  and points to an executable in 'C:\ProgramData\chocolatey\lib\yourPackageName'.

Creating Chocolatey folders if they do not already exist.

WARNING: You can safely ignore errors related to missing log files when
  upgrading from a version of Chocolatey less than 0.9.9.
  'Batch file could not be found' is also safe to ignore.
  'The system cannot find the file specified' - also safe.
AVERTISSEMENT : Not setting tab completion: Profile file does not exist at
'D:\Pierre\Documents\WindowsPowerShell\Microsoft.PowerShell_profile.ps1'.
Chocolatey (choco.exe) is now ready.
You can call choco from anywhere, command line or powershell by typing choco.
Run choco ?? for a list of functions.
You may need to shut down and restart powershell and/or consoles
  first prior to using choco.
Ensuring chocolatey commands are on the path
Ensuring chocolatey.nupkg is in the lib folder

C:\WINDOWS\system32>
```



# Utilisation de Chocolatey

- Installation d'un paquet : `choco install vlc`
- Mettre à jour un paquet : `choco upgrade vlc`
- Désinstaller un paquet : `choco uninstall vlc`
- Mettre à jour tous les paquets : `choco upgrade all`

